



Osborn Energy, LLC

24850 Farley, Bucyrus, KS 66013  
Phone 913.533.9900 Fax 913.533.9955

RECEIVED

AUG 21 2009

Mo Oil & Gas Council

8/19/2009

Geological Survey Program  
P.O. Box 250  
Rolla, MO 65402

Dear Commissioners,

Osborn Energy, LLC, having its principal place of business at 24850 Farley, Bucyrus, KS 66013 is requesting that the Geological Survey Program keep all information for the following well confidential for the maximum amount of time allowed.

LEASE NAME: Bagby WELL #: 2-32

Permit #: 20382

Sec	Tw	Rng
<u>32</u>	<u>42</u>	<u>32W</u>
_____	_____	_____

Sincerely,

*Curstin Hamblin*

Curstin Hamblin  
Geologist  
Osborn Energy, LLC.



24850 Farley, Bucyrus, KS 66013  
Phone 913.533.9900 Fax 913.533.9955

7/17/2009

Geological Survey Program  
P.O. Box 250  
Rolla, MO 65402

Dear Commissioners,

Osborn Energy, LLC, having its principal place of business at 24850 Farley, Bucyrus, KS 66013 is requesting that the Geological Survey Program keep all information for the following well confidential for the maximum amount of time allowed.

LEASE NAME: Bagby WELL #: 2-32

Permit #: 20382

Sec	Tw	Rng
<u>32</u>	<u>42N</u>	<u>32W</u>
_____	_____	_____

Sincerely,

*Curstin Hamblin*

Curstin Hamblin  
Geologist  
Osborn Energy, LLC.



STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

FEB 13 2009 RECEIVED FORM OGC-3

FEB 13 2009 ENTERED MAR 30 2009

☒ APPLICATION TO DRILL ☐ DEEPEN ☐ PLUG BACK ☒ FOR AN OIL WELL ☐ OR GAS WELL

NAME OF COMPANY OR OPERATOR

Osborn Energy, LLC

DATE

2/11/2009

ADDRESS

24850 Farley

CITY

Bucyrus

STATE

KS

ZIP CODE

66013

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE

Bagby

WELL NUMBER

2-32

ELEVATION (GROUND)

968

WELL LOCATION

(GIVE FOOTAGE FROM SECTION LINES)

2292 ft. from ☐ North ☒ South section line 701 ft. from ☒ East ☐ West section line

WELL LOCATION

Sec. 32 Township 42 North Range 32 ☐ East ☒ West

LATITUDE

38.40338

LONGITUDE

-94.47655

COUNTY

Bates

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 701 FEET

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE 330 FEET

PROPOSED DEPTH

650

DRILLING CONTRACTOR, NAME AND ADDRESS

Osborn Energy, LLC 24850 Farley, Bucyrus, KS

ROTARY OR CABLE TOOLS

APPROX. DATE WORK WILL START

2/13/2009

NUMBER OF ACRES IN LEASE

938.15

NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 2

NUMBER OF ABANDONED WELLS ON LEASE 1

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?

NAME

ADDRESS

NO. OF WELLS

PRODUCING 0

INJECTION 0

INACTIVE 0

ABANDONED 1

STATUS OF BOND

☐ SINGLE WELL  
AMOUNT \$

☒ BLANKET BOND  
AMOUNT \$ 30000.00

☒ ON FILE  
☐ ATTACHED

REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE; USE BACK OF FORM IF NEEDED)

PROPOSED CASING PROGRAM

APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST

AMOUNT	SIZE	WT/FT	CEMENT	AMOUNT	SIZE	WT/FT	CEMENT
20'	7"		portland				
650'	2 7/8"		portland				

I, the Undersigned, state that I am the Agent of the OELLC (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE

Curtis Hanke

DATE

2-11-09

PERMIT NUMBER

20382

☒ DRILLER'S LOG REQUIRED

☒ E-LOGS REQUIRED IF RUN

☒ CORE ANALYSIS REQUIRED IF RUN

☒ DRILL SYSTEM TEST INFO REQUIRED IF RUN

☒ SAMPLES REQUIRED 10' cuttings

☐ SAMPLES NOT REQUIRED

☐ WATER SAMPLES REQUIRED AT

APPROVED BY

Joseph A. [Signature]

NOTE THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.

APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE

I, \_\_\_\_\_ of the \_\_\_\_\_ (Company), confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE

DATE

Main City



STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM  
**WELL LOCATION PLAT**

# RECEIVED

FORM OGC-4

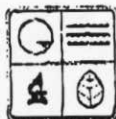
MAR 04 2009

OWNER'S NAME <b>Osborn Energy, LLC</b>		Mo Oil & Gas Council	
LEASE NAME <b>Bagby 2-32</b>		COUNTY <b>Bates</b>	
WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES) 2292 ft. from <input type="checkbox"/> North <input checked="" type="checkbox"/> South from section line    701 ft. from <input checked="" type="checkbox"/> East <input type="checkbox"/> West from section line			
WELL LOCATION Sec. 32 Township 42 North Range 32 <input type="checkbox"/> East <input checked="" type="checkbox"/> West <span style="float: right;">Main City Q</span>			
LATITUDE		LONGITUDE	
<div style="position: absolute; left: 10%; top: 40%; transform: rotate(-90deg); font-size: 2em;">N ↑</div> <div style="position: absolute; top: 30%; left: 40%;">Lease Line ↓</div> <div style="position: absolute; top: 45%; left: 60%;">CTR sec. 32 ○</div> <div style="position: absolute; top: 50%; left: 70%;">           Steins 1 1962' FSL 651' FEL         </div> <div style="position: absolute; top: 55%; left: 85%;">           Steins 2 1243' FSL 705' FEL         </div> <div style="position: absolute; top: 45%; left: 80%;">           Bagby 2-32 X 701' FEL         </div> <div style="position: absolute; top: 60%; left: 80%;">2292' FSL ↓</div>			
REMARKS			
<b>INSTRUCTIONS</b>  On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.		This is to certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.	
REMIT TWO (2) COPIES TO: GEOLOGICAL SURVEY PROGRAM PO BOX 250, ROLLA, MO 65402-0250 (573) 368-2143 ONE (1) COPY WILL BE RETURNED		REGISTERED LAND SURVEYOR	NUMBER

**\* CORRECTION \***

FEB 13 2009

FORM OGC-3



STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM

**APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK**

<input checked="" type="checkbox"/> APPLICATION TO DRILL		<input type="checkbox"/> DEEPEN		<input type="checkbox"/> PLUG BACK		<input checked="" type="checkbox"/> FOR AN OIL WELL		<input checked="" type="checkbox"/> OR GAS WELL	
NAME OF COMPANY OR OPERATOR <b>Osborn Energy, LLC</b>						DATE <b>2/11/2009</b>			
ADDRESS <b>24850 Farley</b>				CITY <b>Bucyrus</b>		STATE <b>KS</b>		ZIP CODE <b>66013</b>	
<b>DESCRIPTION OF WELL AND LEASE</b>									
NAME OF LEASE <b>Bagby</b>				WELL NUMBER <b>2-32</b>		ELEVATION (GROUND) <b>906 * 881</b>			
WELL LOCATION <b>* 1596 * N</b> (GIVE FOOTAGE FROM SECTION LINE) <b>2292</b> ft. from <input checked="" type="checkbox"/> North <input checked="" type="checkbox"/> South section line <b>201</b> ft. from <input checked="" type="checkbox"/> East <input checked="" type="checkbox"/> West section line <b>* W</b>									
WELL LOCATION <b>Sec. 32 Township 42 North Range 32</b> <input type="checkbox"/> East <input checked="" type="checkbox"/> West				LATITUDE		LONGITUDE		COUNTY <b>Bates</b>	
NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE <b>201</b> FEET <b>* 261</b>									
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE <b>300</b> FEET <b>* 4977</b>									
PROPOSED DEPTH <b>650</b>		DRILLING CONTRACTOR, NAME AND ADDRESS <b>Osborn Energy, LLC 24850 Farley, Bucyrus, KS</b>				ROTARY OR CABLE TOOLS		APPROX. DATE WORK WILL START <b>2/13/2009 4/26/09*</b>	
NUMBER OF ACRES IN LEASE <b>938.15</b>		NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR <b>3</b>							
		NUMBER OF ABANDONED WELLS ON LEASE <b>1</b>							
IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED? NAME _____ ADDRESS _____						NO. OF WELLS PRODUCING <b>0</b> INJECTION <b>0</b> INACTIVE <b>0</b> ABANDONED <b>1</b>			
STATUS OF BOND				<input type="checkbox"/> SINGLE WELL AMOUNT \$ _____		<input checked="" type="checkbox"/> BLANKET BOND AMOUNT \$ <b>30000.00</b>		<input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED	
REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE; USE BACK OF FORM IF NEEDED)									
<b>PROPOSED CASING PROGRAM</b>								<b>APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST</b>	
AMOUNT	SIZE	WT/FT	CEMENT	AMOUNT	SIZE	WT/FT	CEMENT		
20'	7"		portland						
650'	2 7/8"		portland						
I, the Undersigned, state that I am the <u>Agent</u> of the <u>OELLC</u> (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.									
SIGNATURE <i>Curtis Hanberry</i>						DATE <b>2-11-09</b>			
PERMIT NUMBER <b>20382</b>				<input checked="" type="checkbox"/> DRILLER'S LOG REQUIRED <input checked="" type="checkbox"/> CORE ANALYSIS REQUIRED IF RUN <input checked="" type="checkbox"/> SAMPLES REQUIRED <b>10' cuttings</b> <input type="checkbox"/> SAMPLES NOT REQUIRED <input type="checkbox"/> WATER SAMPLES REQUIRED AT					
APPROVED DATE <b>3-5-09</b>				<input checked="" type="checkbox"/> E-LOGS REQUIRED IF RUN <input checked="" type="checkbox"/> DRILL SYSTEM TEST INFO REQUIRED IF RUN					
APPROVED BY <i>Joseph A. [Signature]</i>									
<b>NOTE</b> ▶ THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.									
APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE									
I, _____ of the _____ (Company), confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.									
DRILLER'S SIGNATURE						DATE			

**\* CORRECTION \***

**RECEIVED**

MAR 04 2009



STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM  
**WELL LOCATION PLAT**

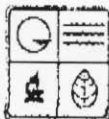
OWNER'S NAME <b>Osborn Energy, LLC</b>		MO Oil & Gas Council	
LEASE NAME <b>Bagby 2-32</b>		COUNTY <b>Bates</b>	
WELL LOCATION <b>1596' * * N</b> <b>2282 ft. from <input type="checkbox"/> North <input checked="" type="checkbox"/> South from section line</b>		<b>#20382</b> <b>1261' * W</b> <b>701 ft. from <input checked="" type="checkbox"/> East <input checked="" type="checkbox"/> West from section line</b>	
WELL LOCATION <b>Sec. 32 Township 42 North Range 32 <input type="checkbox"/> East <input checked="" type="checkbox"/> West</b>			
LATITUDE		LONGITUDE	

REMARKS
---------

<p><b>INSTRUCTIONS</b></p> <p>On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 60-2.030 for survey requirements. Lease lines must be marked.</p>	<p>This is to certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 60-2.030 and that the results are correctly shown on the above plat.</p>		
<p>REMIT TWO (2) COPIES TO: GEOLOGICAL SURVEY PROGRAM PO BOX 260, ROLLA, MO 65402-0260 (573) 368-2143 ONE (1) COPY WILL BE RETURNED</p>	<table border="1"> <tr> <td>REGISTERED LAND SURVEYOR</td> <td>NUMBER</td> </tr> </table>	REGISTERED LAND SURVEYOR	NUMBER
REGISTERED LAND SURVEYOR	NUMBER		





STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

FEB 13 2009

FORM GSG-3

<input checked="" type="checkbox"/> APPLICATION TO DRILL		<input type="checkbox"/> DEEPEN		<input type="checkbox"/> PLUG BACK		<input checked="" type="checkbox"/> FOR AN OIL WELL		<input checked="" type="checkbox"/> OR GAS WELL	
NAME OF COMPANY OR OPERATOR Osborn Energy, LLC						DATE 2/11/2009			
ADDRESS 24850 Farley				CITY Bucyrus		STATE KS		ZIP CODE 66013	
DESCRIPTION OF WELL AND LEASE									
NAME OF LEASE Bagby				WELL NUMBER 2-32		ELEVATION (GROUND) 988 * 881			
WELL LOCATION * 1496 * N (GIVE FOOTAGE FROM SECTION LINES) 2292 ft. from <input checked="" type="checkbox"/> North <input checked="" type="checkbox"/> South section line * 959 ft. from <input checked="" type="checkbox"/> East <input type="checkbox"/> West section line									
WELL LOCATION Sec. 32 Township 42 North Range 32 <input type="checkbox"/> East <input checked="" type="checkbox"/> West						LATITUDE		LONGITUDE	
						COUNTY Bates			
NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 201 FEET * 261									
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE 330 FEET * 497.7									
PROPOSED DEPTH 650		DRILLING CONTRACTOR, NAME AND ADDRESS Osborn Energy, LLC 24850 Farley, Bucyrus, KS				ROTARY OR CABLE TOOLS		APPROX. DATE WORK WILL START 2/13/2009 4/26/09*	
NUMBER OF ACRES IN LEASE 938.15		NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR * 3							
		NUMBER OF ABANDONED WELLS ON LEASE 1							
IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED? NAME _____ ADDRESS _____						NO. OF WELLS		PRODUCING 0 INJECTION 0 INACTIVE 0 ABANDONED 1	
STATUS OF BOND		<input type="checkbox"/> SINGLE WELL AMOUNT \$		<input checked="" type="checkbox"/> BLANKET BOND AMOUNT \$ 30000.00		<input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED			
REMARKS (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE; USE BACK OF FORM IF NEEDED)									
PROPOSED CASING PROGRAM				APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST					
AMOUNT	SIZE	WT/FT	CEMENT	AMOUNT	SIZE	WT/FT	CEMENT		
20'	7"		portland						
850'	2 7/8"		portland						
I, the Undersigned, state that I am the Agent of the OELLC (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.									
SIGNATURE Curtis Harker						DATE 2-11-09			
PERMIT NUMBER 20382				<input checked="" type="checkbox"/> DRILLER'S LOG REQUIRED <input checked="" type="checkbox"/> E-LOGS REQUIRED IF RUN					
APPROVED DATE 3-5-09				<input checked="" type="checkbox"/> CORE ANALYSIS REQUIRED IF RUN <input checked="" type="checkbox"/> DRILL SYSTEM TEST INFO REQUIRED IF RUN					
APPROVED BY Joseph A. [Signature]				<input checked="" type="checkbox"/> SAMPLES REQUIRED 10' Cuttings <input type="checkbox"/> SAMPLES NOT REQUIRED <input type="checkbox"/> WATER SAMPLES REQUIRED AT					
NOTE ► THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.									
APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE									
I, _____ of the _____ (Company), confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.									
DRILLER'S SIGNATURE						DATE			

\* CORRECTION \*



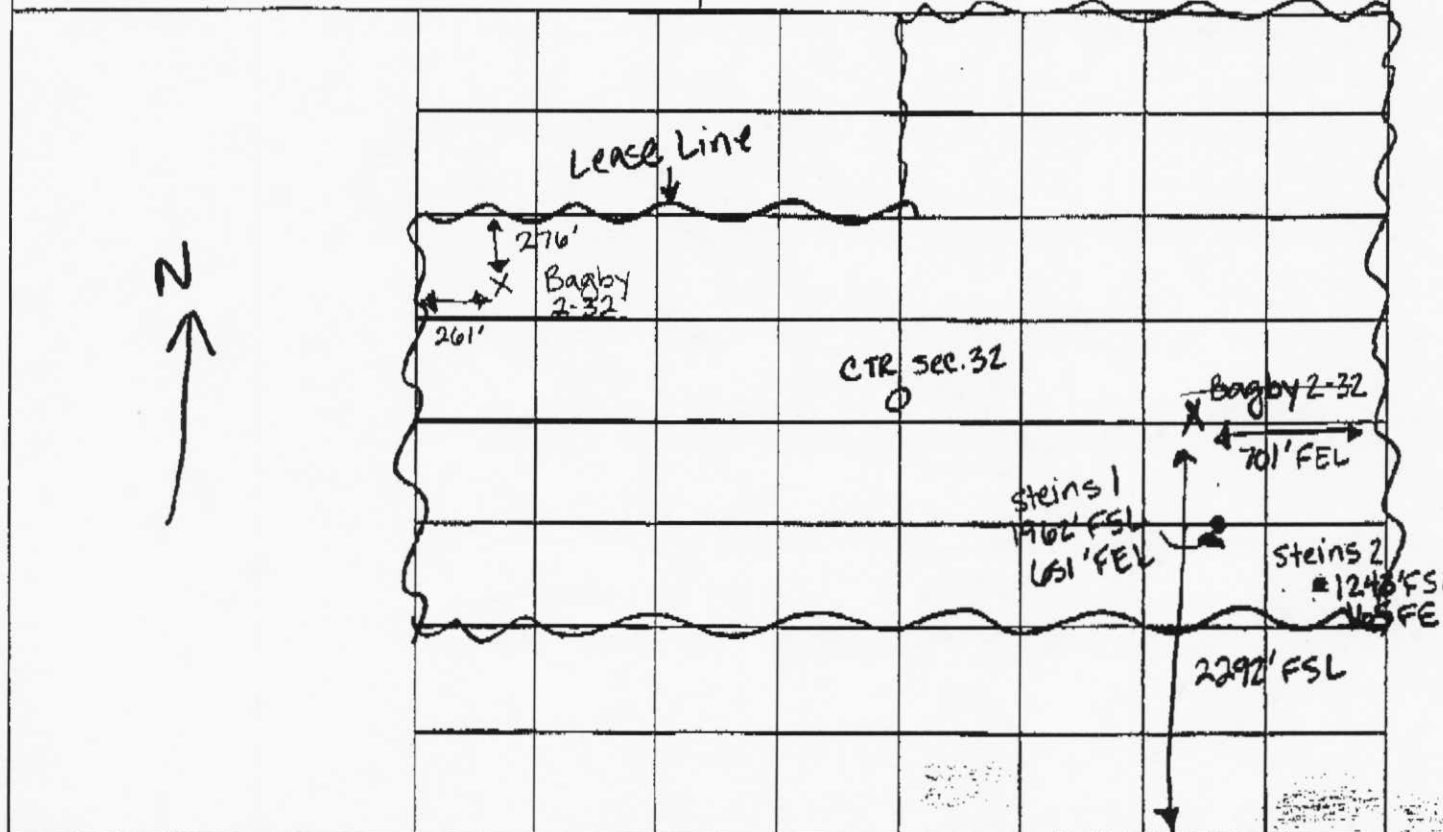
STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM  
WELL LOCATION PLAT

RECEIVED

FORM 000-4

MAR 04 2009

OWNER'S NAME Osborn Energy, LLC		Mo Oil & Gas Council	
LEASE NAME Bagby 2-32		COUNTY Bates	
WELL LOCATION 1496' * * N 2292 ft. from <input type="checkbox"/> North <input checked="" type="checkbox"/> South from section line		(GIVE FOOTAGE FROM SECTION LINE) 959' * 701 ft. from <input checked="" type="checkbox"/> East <input type="checkbox"/> West from section line	
WELL LOCATION Sec. 32 Township 42 North Range 32 <input type="checkbox"/> East <input checked="" type="checkbox"/> West		Map by Q	
LATITUDE		LONGITUDE	



REMARKS

## INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.

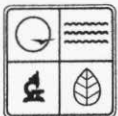
This is to certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.

REMIT TWO (2) COPIES TO:  
GEOLOGICAL SURVEY PROGRAM  
PO BOX 250, ROLLA, MO 65402-0250 (573) 368-2143  
ONE (1) COPY WILL BE RETURNED

REGISTERED LAND SURVEYOR

NUMBER





STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM  
**PLUGGING RECORD**

**CONFIDENTIAL RECEIVED**

FORM OGC-7

8-21-2010 AUG 21 2009

OWNER'S NAME <b>Osborn Energy, LLC</b>		ADDRESS <b>24850 Farley Bucyrus, KS 66013</b>	
NAME OF LEASE <b>Bagby</b>		WELL NUMBER <b>2-32</b>	PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER) <b>20382</b>
LOCATION OF WELL SEC TWN RNG OR BLOCK AND SURVEY <b>Sec. 32 Township 42 North Range 32 <input type="checkbox"/> East <input checked="" type="checkbox"/> West</b>		LATITUDE	LONGITUDE
		COUNTY <b>Bates</b>	
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF: <b>Osborn Energy, LLC</b>		HAS THIS WELL EVER PRODUCED OIL OR GAS? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHARACTER OF WELL AT COMPLETION (INITIAL PRODUCTION) OIL (BBLS/DAY) <b>0</b>
			GAS (MCF/DAY) <b>0</b>
		DRY? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
DATE OF ABANDONMENT <b>8/12/2009</b>	TOTAL DEPTH <b>440</b>	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBLS/DAY)	
		GAS (MCF/DAY)	
		WATER (BBLS/DAY)	

Name of each formation containing oil or gas. Indicate which formation open to well bore at time of abandonment	Fluid content of each formation	Depth interval of each formation	Size, kind, and depth of plugs used, giving amount of cement.
			Cemented _93_ Sx, top to bottom

SIZE PIPE	PUT IN WELL (FT)	PULLED OUT (FT)	LEFT IN WELL (FT)	GIVE DEPTH AND METHOD OF PARTING CASING (SHOT, RIPPED, ETC.)	PACKERS AND SHOES
2 7/8"	437.90	437.90	0	NA	

WAS WELL FILLED WITH MUD-LADEN FLUID? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	INDICATE DEEPEST FORMATION CONTAINING FRESH WATER <b>BKC</b>
--	---

NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE		
NAME	ADDRESS	DIRECTION FROM THIS WELL

METHOD OF DISPOSAL OF MUD PIT CONTENTS <b>Drilled with Air, no mud</b>
---

NOTE	FILE THIS FORM IN DUPLICATE WITH: (USE REVERSE SIDE FOR ADDITIONAL DETAIL)
------	--

**CERTIFICATE** I, the undersigned, state that I am the Geologist of the OEUC (Company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

SIGNATURE <u>Curtis Hawblitz</u>	DATE <u>8.19.09</u>
-------------------------------------	------------------------

## DETAIL OF FORMATIONS PENETRATED

FORMATION	TOP	BOTTOM	DESCRIPTION (SEE * BELOW)
			<p>See Geo Report</p> <p><b>RECEIVED</b></p> <p>AUG 21 2009</p> <p>Mo Oil &amp; Gas Council</p>

<b>NOTE</b>	* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open flowing and shut-in pressures, and recoveries.
<b>INSTRUCTIONS</b>	<p>Attach drillers log or other acceptable log of well if available.</p> <p>This Well Completion or Recompletion report and well log shall be filed with the Missouri State Geologist not later than 30 days after project completion.</p>

MO 780-0217 (6-06)

RECEIVED

AUG 21 2009

Mo Oil & Gas Council

AUG 21 2009



**CONSOLIDATED**  
**Oil Well Services, LLC**

**PO Box 884, Chanute, KS 66720**  
**620-431-9210 or 800-467-8676**

Mo Oil & Gas Council  
FIELD TICKET & TREATMENT REPORT  
CEMENT

TICKET NUMBER 20156  
LOCATION Ottawa KS  
FOREMAN Fred Mader

Missouri:

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8/12/09	6073	Bagby 2-32	NE 1/4 32	42	32	Bates
CUSTOMER						
Osborn Energy LLC						
MAILING ADDRESS						
24850 Farley						
CITY	STATE	ZIP CODE				
Bucyrus	KS	66013				

TRUCK #	DRIVER	TRUCK #	DRIVER
506	Fred Med		
495	Cas Ken		
503	Arl Med		

JOB TYPE <u>Plug</u>	HOLE SIZE <u>6 1/4</u>	HOLE DEPTH <u>440'</u>	CASING SIZE & WEIGHT <u>      </u>
CASING DEPTH <u>      </u>	DRILL PIPE <u>      </u>	TUBING - <u>2 7/8"</u>	OTHER <u>      </u>
SLURRY WEIGHT <u>      </u>	SLURRY VOL <u>      </u>	WATER gal/sk <u>      </u>	CEMENT LEFT in CASING <u>Full</u>
DISPLACEMENT <u>N/A</u>	DISPLACEMENT PSI <u>      </u>	MIX PSI <u>      </u>	RATE <u>4 Bpm</u>

REMARKS: Establish circulation thru 2 7/8" Tubing Mix Pump 78 SKS 50/50 Per Mix Cement 6% Gel ~~Per~~ Fill to Surface to Plug open hole. Pull 2 7/8" Tubing. Top of hole w/ 18 SKS Cement. 93 SKS Total Wash out Tubing

Customer Supplied H<sub>2</sub>O

Feed Machine

[illegible]

Ravin 3737

## AUTHORIZTION

**TITLE**

DATE \_\_\_\_\_

Released 8-21-2010

~~CONFIDENTIAL~~

RECEIVED

AUG 21 2009

Geological Report

Mo Oil &amp; Gas Council

**Bagby # 2-32**

1596 FNL, 261 FWL

**Section:** 32-T42-R32W

Bates County, Missouri

**Permit#:** 20382**Elevation:** 881' GL**Drilling Contractor:** Osborn Energy, L.L.C (Lic. # 32294)**Spud:** 6/25/2009**Production Bore Hole:** 6 1/4**Rotary Total Depth:** 440 on 6/29/2009**Drilling Fluid:** air**Surface Csg.:** 7" set @ 21' in 9 1/4" hole with 3 sx**Production Csg.:** 2 7/8" set at 437.90**Geologist:** Curstin Hamblin**Driller:** Brian Schwab

<u>Formation</u>	<u>E Log Tops</u>	<u>Datum</u>
Stark Shale	None	
Hushpuckney Shale	None	
Base Kansas City	None	
Knobtown Sand	None	
Carbonaceous Zone in Tacket Fm.	None	
"Big Lake" Sand	None	
South Mound Zone	None	
Hepler (Wayside) Sand	None	
"Upper" Mulberry Zone	None	
Mulberry Zone	79-82	802
Myrick Station	114-120	767
Lexington Zone	120-122	761
Summit	None	
Mulky	None	
Squirrel	191-207	690
Bevier	279	602
Croweburg	289-294	592
Fleming	300	581
Mineral		
Scammon	317-326	564
Rotary Total Depth	440'	





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Drilling at 21' in the Kansas City on 6/26/2009  
Background Gas (BG) 15 units

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21-30: SS: tan, gummy, lots of quartz, friable  
31-40: SS: grey, gummy, in a shale like matrix, friable, no oil shows  
Making some water- drilling with water  
41-50: SS: grey, gummy, in a shale matrix, friable, no oil show  
51-60: SS: grey, shale matrix, friable, some firm, no oil show  
61-70: SS: grey, shale matrix, friable, LS: cream and tan  
71-80: SH: grey, gummy, sandy, LS: grey/tan, Crinoid stems  
81-90: SH: grey, gummy, LS: cream/tan, SH: black  
→83: SH: dk grey  
91-100: LS: lt grey, tan  
101-110: SH: grey, limey, lots of pyrite, LS: grey, angular  
→ 111-120: SH: grey, gummy, sandy, LS: (116-20) brown/dk grey angular

**LEXINGTON ZONE** Geologist called @121-123', gas kick of 77 units over BG  
**\*\*GAS TEST @140', 22 MCF Total\*\***

121: SH: black, poor gas in samples  
BG is running at 137  
121-130: SH: black, dk grey, SS: grey, large grained, firm, pyrite, no oil  
131-140: SH: grey, silty, SS: grey, medium grained, well cemented, firm  
Making more water  
CG of over 1000 units  
141-150: SH: grey, gummy, LS: occ. Cream/grey  
151-160: SH: grey, very gummy  
CG over 1000 units  
161-170: SH: grey, some banded with black, very gummy  
171-180: SH: grey, gummy, SS: 179-180: small grained, soft, some limey no oil  
CG of 1400 units  
181-190: SH: grey, gummy, SS: tan, small-medium grained, firm, friable, no oil  
shows in samples, no break out, no oil in pit

**SQUIRREL SAND ZONE** Geologist called at 191, no gas kick  
191-200: SS: tan, angular, medium grained, well cemented-firm, but friable, no  
oil show on samples, in samples or in pit  
201-210: SS: tan, very angular, large grained, SH: grey- no oil show, no pit,  
none in samples  
211-220: SS: grey, fine grained, limey, -siltstone- no oil shows, some black oil  
in pit, but not very much  
221-230: SS: medium grained, soft, some oil in break out, some oil in pit  
231-240: SS/SH: grey, very gummy, SS: 238: medium grained, oil shows on surface,  
in pit, oil to this point has been black, this oil is tan.

Started coring. Cored 5 feet and the rig broke down. Pressure oil leaked from  
the compressor. The compressor needs a new filter. It has been ordered and  
will be here on Monday 6/29/2009. Stopped drilling and called it a day at  
3:00pm. The core descriptions are below:

240-241: SS: cemented with shale, bleeding oil, friable in places  
241-242: SS: cemented with shale, friable in places, less bleeding oil  
242-243: SS: grey, shaley, no to very little oil, very friable  
243-244: Shaley, gummy, friable, no oil  
244-245: Shaley, gummy, friable, no oil



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Fixed the air compressor. Started drilling at 2:30pm on 6/29/2009.

241-250: SS: grey, lt grey, medium grained, friable, soft, break out oil in samples

248: bleeding oil sand. Oil is tan and thin, no gas kick

251-260: SS:

251-253: friable, very few samples, heavier bleeding oil,

254-260: SS: lt grey, oil stains on samples, medium grained, break out oil in samples

CG: of 180 units

261-270: SS: lt grey, medium grained, clean-no shale, bleeding oil tapered from tan to black, heavy oil, SS is easily broken, some breakout oil

271-280: SS: lt grey, clean, medium firmness, medium grained, lots of black staining, very little breakout oil

**BEVIER COAL ZONE** Geologist called @279', gas kick of 0 units over BG

No gas kick, no gas test completed

280: Coal-fair gas in sample, lots and lots of Pyrite

281-290: LS: lt grey, grey

**CROWEBURG ZONE** Geologist called at 292-293: Gas kick of 1140 units

**\*\*GAS TEST @300', surging between 175 and 209 MCF Total\*\***

291-300: SH: grey, dk grey, black, grey is limey, some pyrite, coal

292-293: SH: dk grey, black, good to very good gas in samples

**FLEMING COAL ZONE** Geologist Called at 300: coal

300: coal

301-310: SH: grey, silty, some pyrite, some dk grey shale

311-320: SH: lt grey, Coal

**SCAMMON ZONE** Geologist called at 318-319: coal, 325-326

CG of 800 units

321-330: SH: lt grey

325-326: Coal, good gas in samples, lots of pyrite

331-340: SS: grey, small grained, some shaley, well cemented

341-350: SS: lt grey, small to medium grained, soft, no oil stains

351-360: SS: lt grey, small to medium grained, soft, no oil

**\*\*GAS TEST @360', surging between 175-209 MCF Total**

361-370: SS: light grey, small to medium grained, soft, no oil

371-380: SS: lt grey, small to medium grained, soft, no oil

381-390: SS: lt grey, medium grained,

388: oil stains, oil in pit SS: soft, little break out oil

391-400: SS: grey and dk grey, interbedded, interbedded is small grained, lt grey is large grained, lots of pyrite-still some bleeding sand, not much.

Interbedded is flaky and soft, lt grey is medium hardness

401-410:

401-406: SS: medium - large grained, no breakout oil

407-410: SS: dk grey, shaley

411-420: SS: grey, dk grey, shaley

421-430: SS: lt grey, large grained, dk grey: shaley

431-440: SS: lt grey, medium firmness, no oil

**\*\*GAS TEST @440', 175 MCF Total\*\***

Total Rotary Depth, 440 on 6/29/2009 at 6:15pm



**MIDWEST SURVEYS**  
LOGGING - PERFORATING - CONSULTING SERVICES  
P.O. Box 68, Osawatomie, KS 65064  
913 / 755 - 2128

## GAMMA RAY / NEUTRON / CCL

File No.	Company Osborn Energy, LLC									
	Well Bagby No. 2-32									
	Field Wildcat									
	County	Bates	State	Missouri						
	Location				Other Services					
	1596' FNL & 261' FWL NW/4									
	Sec. 32	Twp. 42n	Rge. 32W	Elevation 881'	Elevation					
	Permanent Datum	GL			K.B. NA					
	Log Measured From	GL			D.F. NA					
	Drilling Measured From	GL			G.L. 881'					
Permit # 20382	Date 7-08-2009									
	Run Number	One								
	Depth Driller	440.0								
	Depth Logger	438.5								
	Bottom Logged Interval	436.5								
	Top Log Interval	15.0								
	Liquid Level	22.0								
	Type Fluid	Water								
	Density / Viscosity	NA								
	Salinity - PPM Cl	NA								
	Max Recorded Temp	NA								
	Estimated Cement Top	Not Cemented								
	Equipment No.	Location	107	Osawatomie						
	Recorded By	Steve Windisch								
	Witnessed By	Jeff Taylor								
	BORE-HOLE RECORD				CASING RECORD					
RUN	No.	BIT	FROM	TO	SIZE	WGT.	FROM	TO		
One	9.75"	0.0	20.0	20.0	7.00"		0.0	20.0		
Two	6.25"	20.0	440.0	440.0	2.875"		0.0	439.0		

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Drilling Contractors :  
Osborn Energy, LLC

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Database File:  
Dataset Pathname:  
pass1  
bgby2-32.db

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Database File: bgby2-32.db

Dataset Pathname: pass1

Presentation Format: gr-n-ccl

Dataset Creation: Wed Jul 08 11:00:45 2009 by Log Std Casedhole 07122

Charted by: Depth in Feet scaled 1:240

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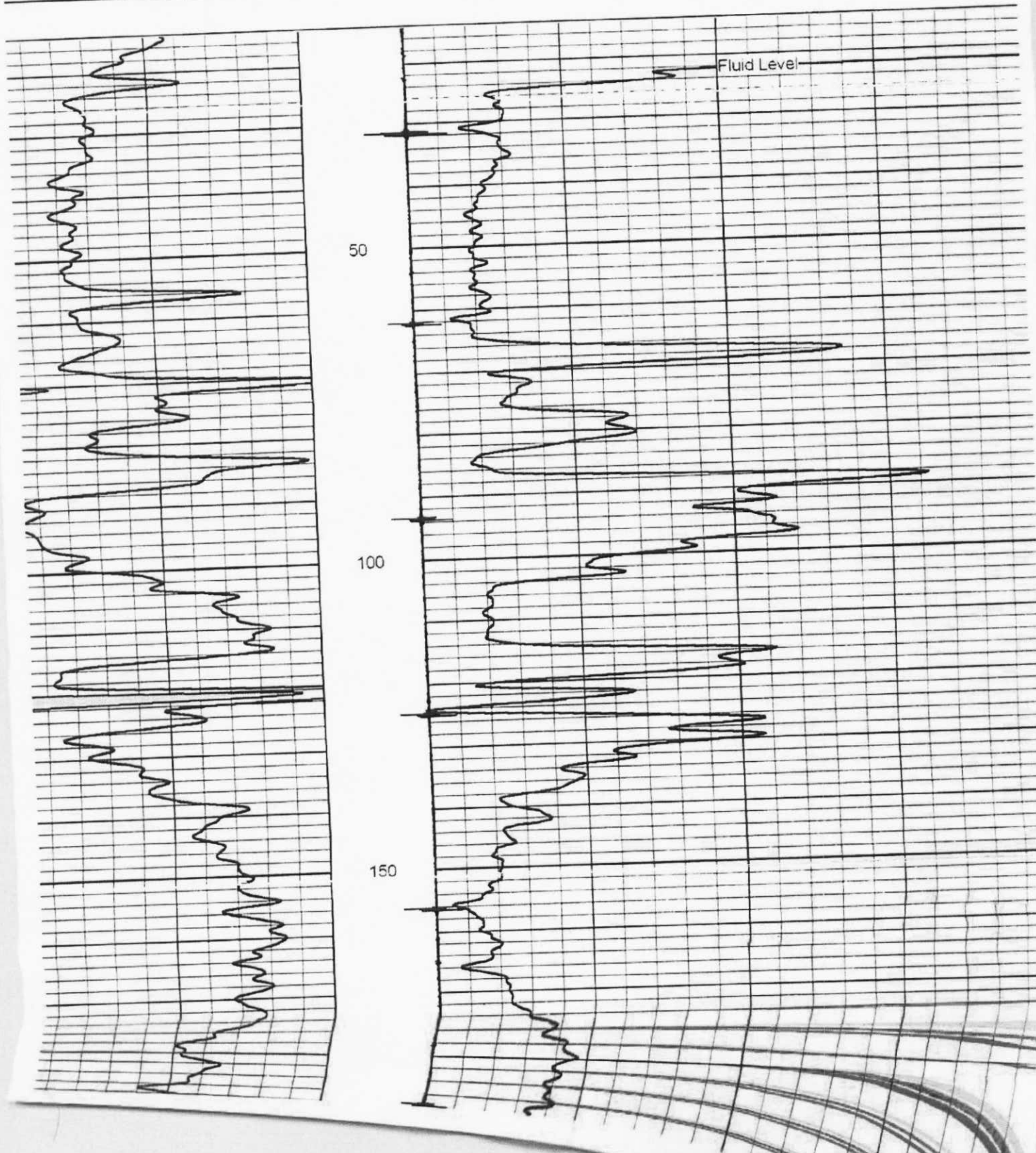
2000

Gamma Ray

150

10

Neutron



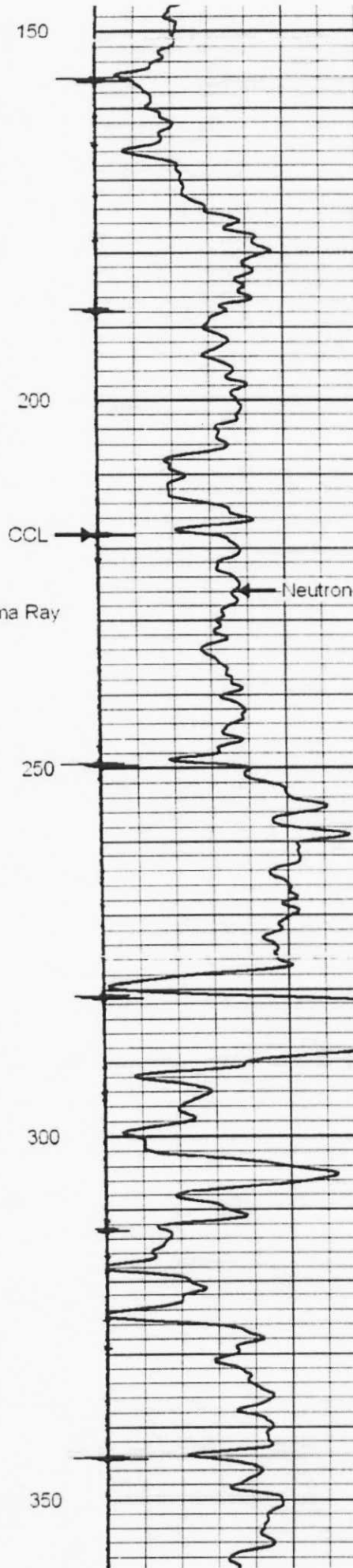
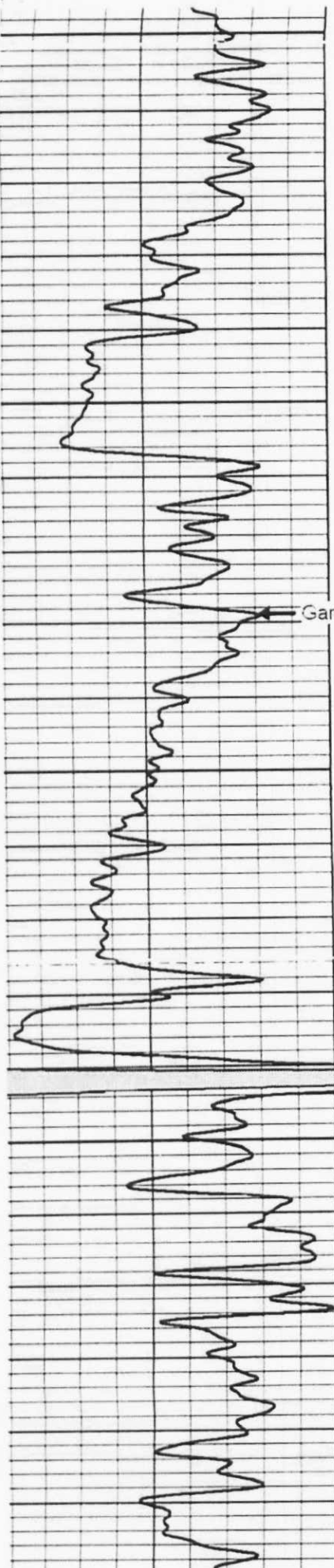


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Gamma Ray

250

300

350

400

